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**Carlson**

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(54) **SOYBEAN VARIETY 01050509**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

The invention relates to the soybean variety designated 01050509. Provided by the invention are the seeds, plants and derivatives of the soybean variety 01050509. Also provided by the invention are tissue cultures of the soybean variety 01050509 and the plants regenerated therefrom. Still further provided by the invention are methods for producing soybean plants by crossing the soybean variety 01050509 with itself or another soybean variety and plants produced by such methods.

**21 Claims, No Drawings**